



DOLBY PC ENTERTAINMENT EXPERIENCE

DESIGNED FOR DOLBY® HOME THEATER™

Motherboards that feature the Designed for Dolby Home Theater logo deliver a true Dolby Home Theater surround sound experience.



Dolby Technologies Provided with the Motherboard Include

Dolby Digital Live
Dolby Pro Logic II
Dolby Headphone
Dolby Virtual Speaker

At a Glance

True Dolby Home Theater surround sound.

High-quality audio for a richer, more natural and engaging listening experience.

Flexibility to choose your surround sound playback: via headphones, two speakers, or an up to seven speaker system.

Ideal for home networking entertainment devices.

Perfect for sharing the entertainment experience with family and friends.

Transforms stereo content into five full channels of vivid surround sound.

Available on motherboards featuring the Intel® Express Chipset Family with Intel High Definition Audio.

The Designed for Dolby® Home Theater™ logo helps consumers identify motherboards that have been developed and tested to meet Dolby Laboratories' rigorous audio specifications, ensuring they can deliver true home-theater-quality surround sound capabilities and integrate seamlessly with other consumer electronics in the living room.

PCs built with Designed for Dolby Home Theater motherboards, quality components, and Dolby tested and approved software applications are capable of delivering a true home theater surround sound experience, supporting playback through up to seven speakers from all your entertainment sources and applications and giving you the ability to tailor the listening experience to your media, mood, and audience.

Enjoy a true home theater surround sound experience that places you, your family, and friends right in the middle of movie action, or immerse yourself in music or game play. Transform the playback of all stereo content into vivid surround sound. Dolby Home Theater PCs support up to seven speakers for a more natural and realistic listening experience that brings the home theater surround sound experience to your PC.

Dolby 5.1-Channel Surround Sound

Provides a true home theater 5.1-channel surround sound experience, supporting playback through up to seven speakers from all your entertainment sources and applications. Dolby Home Theater gives you the ability to tailor the listening experience to your media, mood, and audiences.

100 Percent Compatibility

Compatible with your favorite playback applications, including Windows Media® Player, iTunes®, Musicmatch®, DVD players, streaming media players, personal video recorder (PVR)/TV tuners, and personal media libraries.

Simplified Connectivity

A single digital connection is all that's needed to play back all PC-based audio through an A/V receiver equipped with Dolby Digital, eliminating the confusion, hassle, and clutter of multiple cables for surround sound from games, DVDs, music, and other entertainment content.

Integration

Dolby Home Theater PCs are built to Dolby Laboratories' audio connectivity specifications, making them ready for seamless integration with home theater sound systems.

The chart at right compares the two Dolby PC Entertainment Experience “Designed for” technology bundles by their ingredient technologies.

Technology Comparison	Designed for Dolby® Home Theater™	Designed for Dolby® Master Studio™
Digital Audio for Playback	Dolby Digital Live	Dolby Digital EX* Dolby Digital Live
Surround Sound Expansion	Dolby Pro Logic II	Dolby Pro Logic IIx
Virtual Surround Sound	Dolby Headphone Dolby Virtual Speaker	Dolby Headphone Dolby Virtual Speaker

* Dolby Digital EX support provided via Dolby Pro Logic IIx.

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Technologies Provided with Designed for Dolby Home Theater Motherboards

Dolby Digital Live

Dolby Digital Live technology transforms all PC signals into a Dolby Digital bitstream. For video games, Dolby Digital Live’s real-time encoding reproduces the audio cues and effects that follow onscreen events, putting you in the center of the action.

Dolby Pro Logic II

With Dolby Pro Logic® II technology in your PC, stereo content is transformed into natural, realistic, 5.1-channel surround sound. Dolby Pro Logic II enhances the audio without making it sound overly processed or artificial.

Dolby Headphone

Dolby Headphone technology delivers a spacious surround sound experience through any pair of headphones. Dolby Headphone also improves listening comfort and reduces “listener fatigue” often associated with headphone use. Dolby Headphone is perfect for travelers, late-night movie watchers, or anyone without a surround sound speaker setup. Plus, you can choose between three room modes, Studio, Cinema, and Hall, to tailor your experience to the content.

Dolby Virtual Speaker

Dolby Virtual Speaker technology gives you a realistic 5.1 surround sound experience from just two speakers. Dolby Virtual Speaker is ideal for environments where a 5.1-speaker setup is not practical.

Technologies Work Seamlessly Together

Dolby Headphone and Dolby Virtual Speaker were engineered to work in concert with Dolby Digital and Dolby Pro Logic II. This way, you can access the full potential of your entire library of music, games, movies, and more.

Unified Audio Controls

Audio controls for all Dolby premier technologies are now centralized in one user interface.

Motherboards Tested and Approved by Dolby

Buy with confidence, knowing that PC motherboards that wear the Designed for Dolby Home Theater logo have been developed, manufactured, and tested to meet Dolby Laboratories’ rigorous audio specifications, ensuring they deliver a high-quality personal surround sound experience.

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